

Fig. 1

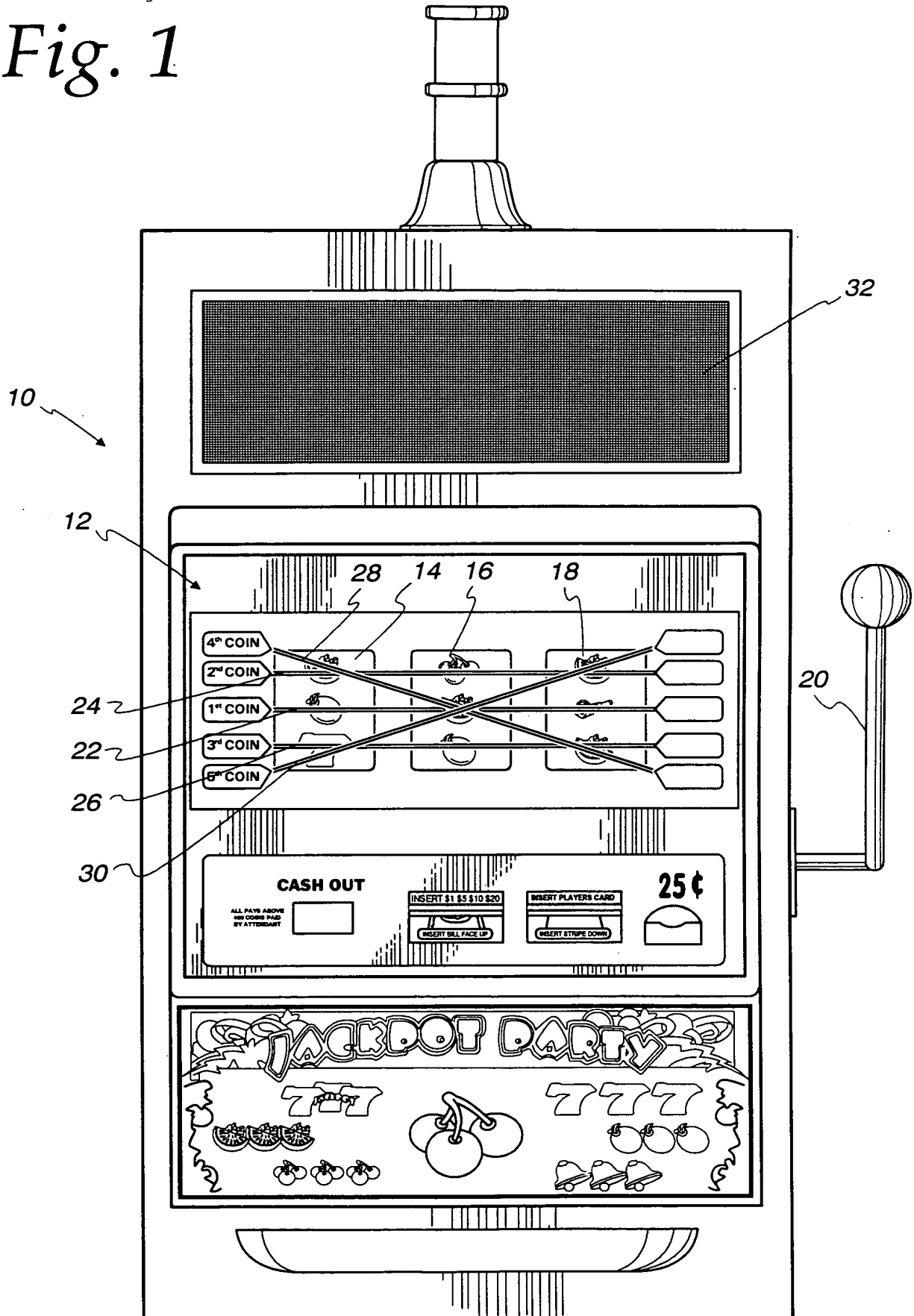


Fig. 2

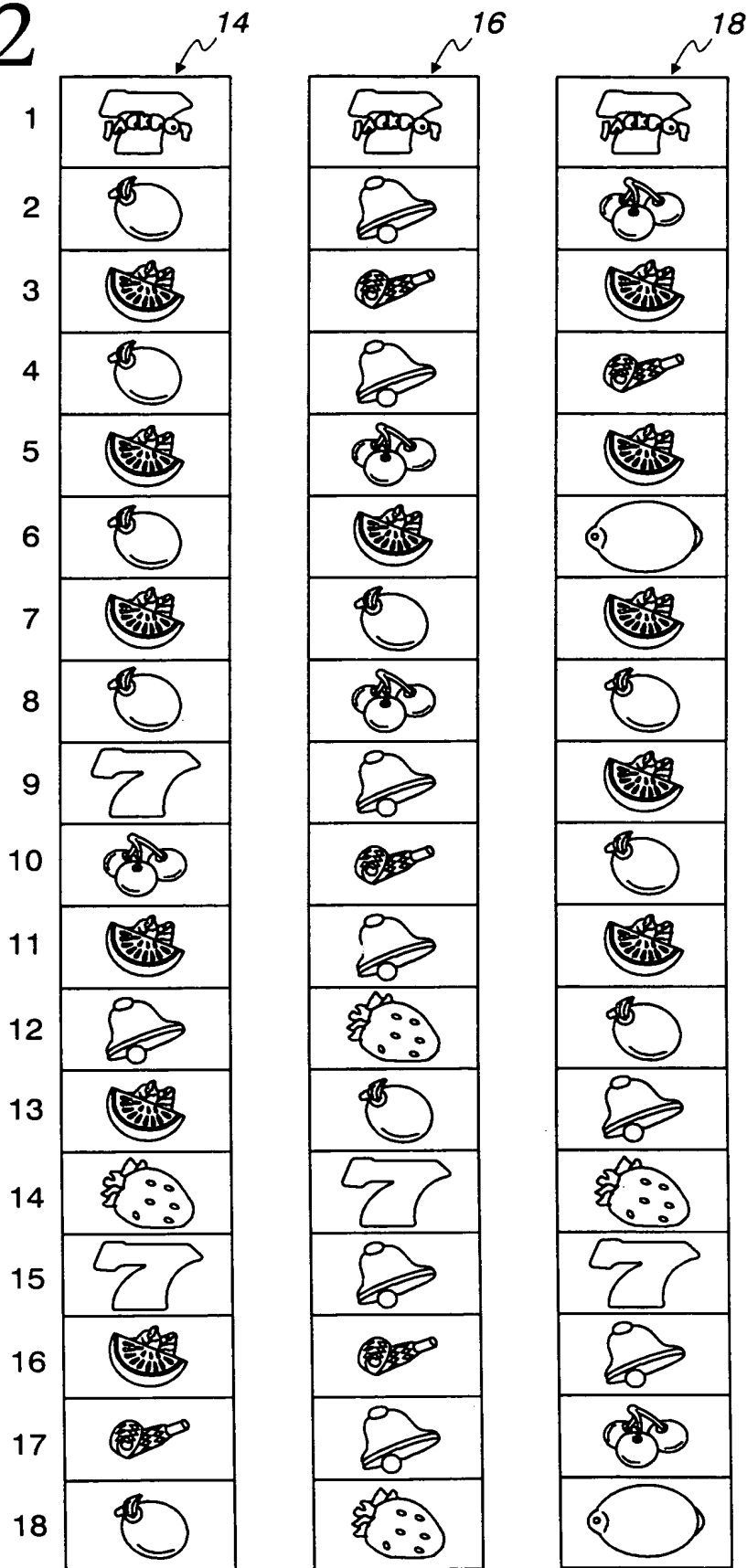































Fig. 3

	PAY LINE 1	PAY LINE 2	PAY LINE 3	PAY LINE 4	PAY LINE 5
  	100	200	300	400	1000
  	80	80	80	80	80
 	40	40	40	40	40
  	30	30	30	30	30
  	20	20	20	20	20
  	20	20	20	20	20
  	15	15	15	15	15
  	10	10	10	10	10
 	5	5	5	5	5
 	5	5	5	5	5
	2	2	2	2	2
	2	2	2	2	2

MATH TABLE - 1 COIN "BASIC" GAME

PAY COMBO	# PER REEL			HITS	PULLS/ HIT	PROBABILITY	PAYS	EXPECTED VALUE	TOTAL PAY	CONTRIBUTIO N
CH ---	1	16	18	288	20.25	0.049383	2	0.098766	576	0.172869
ST ---	1	16	18	288	20.25	0.049383	2	0.098766	576	0.172869
CH CH --	1	2	16	32	182.25	0.005487	5	0.027435	160	0.048019
ST ST --	1	2	17	34	171.5294	0.00583	5	0.02915	170	0.05102
OR OR OR	6	1	5	30	194.4	0.005144	10	0.05144	300	0.090036
PL PL PL	5	2	3	30	194.4	0.005144	15	0.07716	450	0.135054
CH CH CH	1	2	2	4	1458	0.000686	20	0.01372	80	0.02401
ST ST ST	1	2	1	2	2916	0.000343	20	0.00686	40	0.012005
BE BE BE	1	6	2	12	486	0.002058	30	0.06174	360	0.108043
A7 A7 A7	3	2	2	9	648	0.001543	40	0.06172	360	0.108043
B7 B7 B7	2	1	1	2	2916	0.000343	80	0.02744	160	0.048019
J7 J7 J7	1	1	1	1	5832	0.000171	100	0.0171	100	0.030012
TOTAL				732	7.97	0.1255 = 12.55%		.57133 = 57.133%	3332	

FIG. 4

PAYOUT SUMMARY - BASIC GAME ONLY

COIN #	% PAYOUT	HIT %	TOTAL HITS	TOTAL COINS PAID
1	57.13306	12.55144	732	3332
2	57.9904	25.10288	1464	6764
3	58.84774	37.65432	2196	10296
4	59.70508	50.20576	2928	13928
5	62.27709	62.7572	3660	18160

FIG. 5

MATH TABLE - "START-BONUS" COMBINATION (1 COIN GAME)

PAY COMBO	# PER REEL			HITS	PULLS/HIT	PROBABILITY	EXPECTED PAY	EXPECTED VALUE	EXPECTED TOTAL PAY
FV FV FV	3	9	3	81	72	0.013889	20.57152	0.2857	1666.293
J7 OR SL	1	1	1	1	5832	0.000171	20.57152	0.00352	20.57152
BOTH COMBINATIONS				82	71.12195	0.01406	20.57152	0.2892	1686.865

FIG. 6

PAYOUT SUMMARY - BONUS FEATURE INCLUDED WITH BASE GAME

COIN #	% PAYOUT	HIT %	TOTAL HITS	TOTAL COINS PAID	NORMALIZED AVERAGE BONUS
1	86.05732	13.95748	814	5018.863	20.5715
2	86.11125	26.50892	1546	10044.02	20.0001
3	86.16518	39.06036	2278	15075.46	19.4287
4	86.01819	51.6118	3010	20066.32	18.7144
5	86.17998	64.16324	3742	25130.08	17.0002

FIG. 7

Fig. 8

<u>101</u>	<u>106</u>	<u>111</u>	<u>116</u>	<u>121</u>	<u>126</u>
<u>102</u>	<u>107</u>	<u>112</u>	<u>117</u>	<u>122</u>	<u>127</u>
<u>103</u>	<u>108</u>	<u>113</u>	<u>118</u>	<u>123</u>	<u>128</u>
<u>104</u>	<u>109</u>	<u>114</u>	<u>119</u>	<u>124</u>	<u>129</u>
<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>

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Fig. 9

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PARTY POOPER	⑩	④	⑤	②①	③
①	③	②	PARTY POOPER	④	⑮
⑤	PARTY POOPER	⑤	⑮	②	⑤
⑤	⑤	PARTY POOPER	①	⑤	⑩
PARTY POOPER	②	③	⑤	②	PARTY POOPER

NON-END-BONUS WINDOW VALUES (NORMALIZED)

WINDOW #	1 CN VAL	2 CN VAL	3 CN VAL	4 CN VAL	5 CN VAL
0	1	1	1	1	1
1	5	5	5	5	2
2	3	3	3	3	3
3	4	4	4	4	4
4	5	3	2	2	2
5	5	5	5	2	2
6	5	5	5	5	4
7	4	4	5	5	5
8	2	3	2	4	3
9	3	2	2	2	2
10	5	5	5	5	10
11	10	10	10	10	10
12	15	15	15	15	15
13	20	20	20	20	20
14	1	1	1	1	1
15	5	5	5	5	5
16	2	2	2	2	2
17	10	10	10	10	3
18	15	15	10	10	5
19	5	4	5	2	2
20	3	2	3	2	2
21	2	2	2	2	2
22	2	2	2	2	2
23	5	5	5	5	5
Total from non-end- bonus windows	137	133	129	124	112
Average non-end- bonus	5.70833	5.541667	5.375	5.166667	4.666667

FIG. 10

BONUS GAME OUTCOME SUMMARY

CHOICE	% END	% SAFE	PAYS	EV CALCULATION
0	0.2	1.0	1	1
1	0.165517	0.8	6.70833	5.566664
2	0.135961	0.634483	12.41666	9.188501
3	0.110783	0.498522	18.12499	12.03423
4	0.089478	0.387739	23.83332	14.24757
5	0.071583	0.298261	29.54165	15.95015
6	0.05667	0.226678	35.24998	17.2441
7	0.04435	0.170009	40.95831	18.21457
8	0.034271	0.125659	46.66664	18.93187
9	0.026111	0.091388	52.37497	19.45354
10	0.019583	0.065277	58.0833	19.82617
11	0.01443	0.045694	63.79163	20.08701
12	0.010421	0.031264	69.49996	20.26547
13	0.007356	0.020843	75.20829	20.38445
14	0.005057	0.013487	80.91662	20.46144
15	0.003372	0.008429	86.62495	20.50955
16	0.002167	0.005057	92.33328	20.53842
17	0.001334	0.00289	98.04161	20.55492
18	0.000778	0.001556	103.7499	20.5638
19	0.000424	0.000778	109.4583	20.56824
20	0.000212	0.000354	115.1666	20.57026
21	9.43E-05	0.000141	120.8749	20.57107
22	3.54E-05	4.72E-05	126.5833	20.57134
23	1.01E-05	1.18E-05	132.2916	20.57141
24	1.68E-06	1.68E-06	200	20.57152
EXPECTED VALUE FOR 1 COIN BONUS GAME: 20.57152				

FIG. 11

Fig. 12

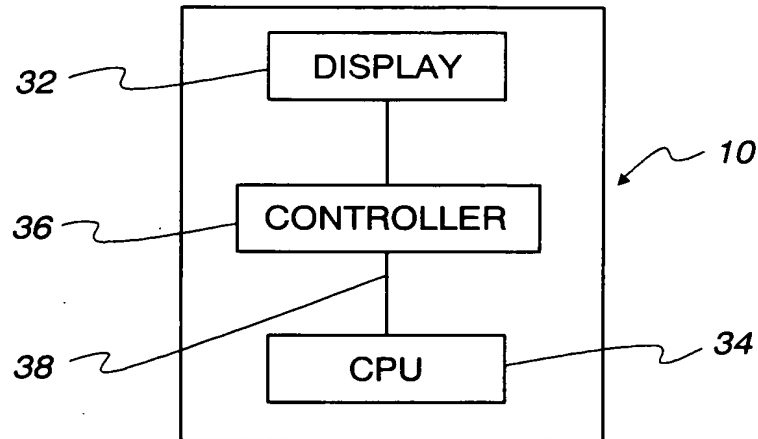
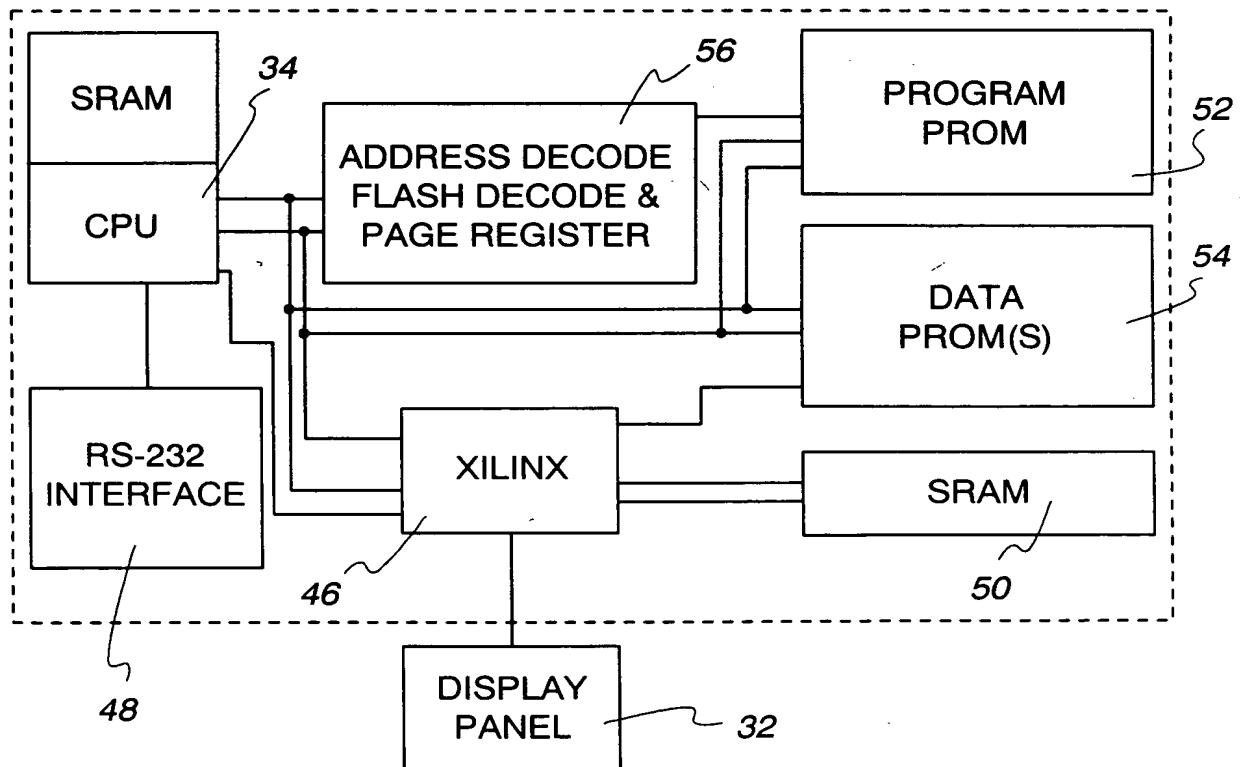


Fig. 13



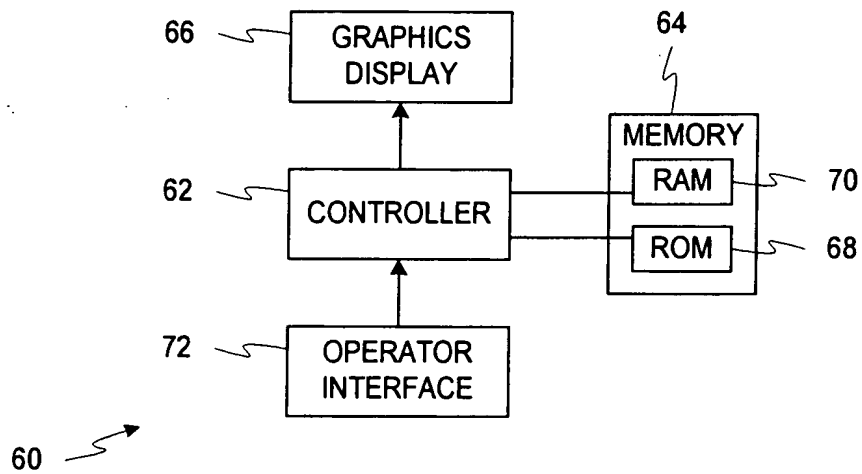


FIG. 14

Fig. 15

